

EAST Search History

| Ref # | Hits | Search Query | DBs. | Default Operator | Plurals | Time Stamp |
|-------|-------|--|-----------------|------------------|---------|------------------|
| L1 | 11109 | microcapsules | DERWENT | ADJ | ON | 2007/07/30 11:18 |
| L2 | 11109 | microcapsule | DERWENT | ADJ | ON | 2007/07/30 11:18 |
| L3 | 13 | L2 and microemulsion | DERWENT | ADJ | ON | 2007/07/30 11:18 |
| L4 | 1936 | microemulsion | DERWENT | ADJ | ON | 2007/07/30 11:18 |
| L5 | 102 | L4 and droplet | DERWENT | ADJ | ON | 2007/07/30 11:18 |
| L6 | 1 | L5 and (channel or flow passage or flow passage way) | DERWENT | ADJ | ON | 2007/07/30 11:19 |
| L7 | 1 | microemulsion | DERWENT | ADJ | ON | 2007/07/30 11:20 |
| L8 | 1936 | microemulsion | DERWENT | ADJ | ON | 2007/07/30 11:20 |
| L9 | 911 | L8 and oil and (water or aqueous) | DERWENT | ADJ | ON | 2007/07/30 11:20 |
| L10 | 435 | L9 and (drug or polymer) | DERWENT | ADJ | ON | 2007/07/30 11:21 |
| L11 | 367 | L10 and @py<="2004" and @ay<="2004" | DERWENT | ADJ | ON | 2007/07/30 11:27 |
| L12 | 367 | L10 and @py<="2004" and @ay<="2004" | DERWENT | ADJ | ON | 2007/07/30 11:27 |
| L13 | 35 | L12 and (droplet or capsule) | DERWENT | ADJ | ON | 2007/07/30 11:28 |
| S1 | 46 | lee abraham.in. | US-PGPUB; USPAT | ADJ | ON | 2007/07/05 15:40 |
| S2 | 1 | tan yung-chieh.in. | US-PGPUB; USPAT | ADJ | ON | 2007/07/30 11:17 |
| S3 | 1 | ("20020058332").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/09 11:59 |
| S4 | 50 | montigny.in. | US-PGPUB; USPAT | ADJ | ON | 2007/07/05 16:09 |
| S5 | 1 | montigny armand de.in. | US-PGPUB; USPAT | ADJ | ON | 2007/07/05 16:07 |
| S6 | 51 | higuchi toshiro.in. | US-PGPUB; USPAT | ADJ | ON | 2007/07/05 16:09 |
| S7 | 1 | ("20060079585").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/06 09:34 |
| S8 | 1 | ("5869004").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/06 10:47 |
| S9 | 108 | bowtie and micro | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 11:44 |
| S10 | 7574 | microfluidic and channel | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 11:59 |
| S11 | 128 | S10 and processing and sorting and splitting | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:10 |
| S12 | 16 | droplet processor | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:11 |

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|-----|-----|---|------------------------------|-----|----|------------------|
| S13 | 10 | S12 and micro | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:28 |
| S14 | 110 | ("20020037499" "20020060156" "4673657" "5250263" "5296375" "5304487" "5427946" "5486335" "5498392" "5565171" "5585069" "5587128" "5589136" "5593838" "5599432" "5599503" "5603351" "5605662" "5632876" "5632957" "5635358" "5637469" "5639423" "5643738" "5646039" "5674742" "5681484" "5699157" "5705813" "5726026" "5726404" "5744366" "5750015" "5755942" "5779868" "5787032" "5788814" "5800690" "5842106" "5842787" "5846396" "5849486" "5849489" "5849598" "5852495" "5856174" "5858188" "5863708" "5863801" "5866345" "5869004" "5876675" "5880071" "5882465" "5883211" "5885470" "5900130" "5912124" "5916776" "5922591" "5928880" "5929208" "5935401" "5939291" "5942443" "5948227" "5955028" "5955029" "5957579" "5958203" "5958694" "5959291" "5964995" "5964997" "5965001" "5965410" "5965886" "5972187" "5976336" "5980704" "5980719" "5989402" "5992820" "5993611" "6001231" "6004515" "6007690" "6012902" "6033546" "6046056" "6048734" "6054034" "6056860" "6057149" "6063589" "6130098" "6174675" "6197595" "6235175" "6251343" "6274089" "6287254" "6306273" "6326211" "6379974" "6399025" "6399389" "6534295" "6544734" "6572830").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 12:11 |

EAST Search History

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|-----|-----|--|------------------------------|-----|----|------------------|
| S15 | 110 | ("20020037499" "20020060156" "4673657" "5250263" "5296375" "5304487" "5427946" "5486335" "5498392" "5565171" "5585069" "5587128" "5589136" "5593838" "5599432" "5599503" "5603351" "5605662" "5632876" "5632957" "5635358" "5637469" "5639423" "5643738" "5646039" "5674742" "5681484" "5699157" "5705813" "5726026" "5726404" "5744366" "5750015" "5755942" "5779868" "5787032" "5788814" "5800690" "5842106" "5842787" "5846396" "5849486" "5849489" "5849598" "5852495" "5856174" "5858188" "5863708" "5863801" "5866345" "5869004" "5876675" "5880071" "5882465" "5883211" "5885470" "5900130" "5912124" "5916776" "5922591" "5928880" "5929208" "5935401" "5939291" "5942443" "5948227" "5955028" "5955029" "5957579" "5958203" "5958694" "5959291" "5964995" "5964997" "5965001" "5965410" "5965886" "5972187" "5976336" "5980704" "5980719" "5989402" "5992820" "5993611" "6001231" "6004515" "6007690" "6012902" "6033546" "6046056" "6048734" "6054034" "6056860" "6057149" "6063589" "6130098" "6174675" "6197595" "6235175" "6251343" "6274089" "6287254" "6306273" "6326211" "6379974" "6399025" "6399389" "6534295" "6544734" "6572830").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 12:11 |
| S16 | 5 | micro and processing same sorting same splitting | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:36 |
| S17 | 47 | processing same sorting same splitting | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:37 |
| S18 | 3 | S17 and droplet | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:36 |
| S19 | 92 | micro and droplet with processor | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:38 |

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|-----|---------|---|--------------------|-----|-----|------------------|
| S20 | 92 | micro and droplet with processo\$3 | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:44 |
| S21 | 7611 | microfluidic and (processor or processing) | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:44 |
| S22 | 2024 | S21 and sort\$3 | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:45 |
| S23 | 1019495 | L and size | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:45 |
| S24 | 1954 | S22 and size | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:45 |
| S25 | 694 | S24 and split\$3 | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 12:45 |
| S26 | 246 | piezoelectr or inkjet and microdroplet and process | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 13:04 |
| S27 | 278 | piezoelectric or inkjet and microdroplet and process | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 13:04 |
| S28 | 100225 | piezoelectric or inkjet and microdroplet and process | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 13:05 |
| S29 | 35 | microfluidic and amphiphilic and monolayer with vesicle | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 13:09 |
| S30 | 6 | micro with droplet and amphiphilic and monolayer with vesicle | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 13:14 |
| S31 | 847 | microfluidic and splitter | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 13:14 |
| S32 | 391 | S31 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 14:50 |
| S33 | 147 | microfluidic and ((monolayer and bilayer) with vesicle) | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 15:02 |
| S34 | 190 | microfluidic and amphiphilic and monolayer | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 15:02 |
| S35 | 102 | S34 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/07/09 15:11 |
| S36 | 1 | ("6936811").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/09 15:11 |

EAST Search History

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|-----|----|--|------------------------------|-----|----|------------------|
| S37 | 50 | ("20020025529" "20020037542" "20020058332" "20020181837" "20030008364" "20030032204" "20030047676" "3826899" "4253846" "4386274" "4460667" "4756427" "4886360" "4939081" "5374556" "5472550" "5667286" "5752606" "5773298" "5834208" "5942443" "5950071" "5998152" "6008010" "6149789" "6221654" "6224732" "6242209" "6280960" "6280967" "6287758" "6344325" "6355491" "6387331" "6395480" "6399397" "6408878" "6411838" "6485905" "6507400" "6514722" "6518056" "6534308" "6540895" "6566079" "6624940" "6740497" "6744038" "6778724" "6797942").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 15:28 |
| S38 | 18 | S37 and sort and size | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 15:40 |
| S39 | 10 | microfluidic and droplet processor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 15:41 |

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|-----|-----|--|------------------------------|-----|----|------------------|
| S40 | 110 | ("20020037499" "20020060156" "4673657" "5250263" "5296375" "5304487" "5427946" "5486335" "5498392" "5565171" "5585069" "5587128" "5589136" "5593838" "5599432" "5599503" "5603351" "5605662" "5632876" "5632957" "5635358" "5637469" "5639423" "5643738" "5646039" "5674742" "5681484" "5699157" "5705813" "5726026" "5726404" "5744366" "5750015" "5755942" "5779868" "5787032" "5788814" "5800690" "5842106" "5842787" "5846396" "5849486" "5849489" "5849598" "5852495" "5856174" "5858188" "5863708" "5863801" "5866345" "5869004" "5876675" "5880071" "5882465" "5883211" "5885470" "5900130" "5912124" "5916776" "5922591" "5928880" "5929208" "5935401" "5939291" "5942443" "5948227" "5955028" "5955029" "5957579" "5958203" "5958694" "5959291" "5964995" "5964997" "5965001" "5965410" "5965886" "5972187" "5976336" "5980704" "5980719" "5989402" "5992820" "5993611" "6001231" "6004515" "6007690" "6012902" "6033546" "6046056" "6048734" "6054034" "6056860" "6057149" "6063589" "6130098" "6174675" "6197595" "6235175" "6251343" "6274089" "6287254" "6306273" "6326211" "6379974" "6399025" "6399389" "6534295" "6544734" "6572830").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 15:42 |
| S41 | 660 | microfluidic and splitting | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 15:43 |
| S42 | 308 | S41 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 15:47 |

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|-----|------|--|------------------------------|-----|-----|------------------|
| S43 | 133 | microdroplet and splitting | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 16:14 |
| S44 | 5385 | microfluidic and computer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 15:57 |
| S45 | 401 | S44 and splitting | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 15:57 |
| S46 | 180 | S45 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 16:07 |
| S47 | 82 | S46 and fus\$3 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 16:07 |
| S48 | 251 | microdroplet same (splitting or separate) and microdroplet | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 16:51 |
| S49 | 0 | microfluidic and shear force and procesor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 16:51 |
| S50 | 120 | microfluidic and shear force and processor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 17:16 |
| S51 | 404 | microfluidic and amphiphilic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/09 17:17 |
| S52 | 0 | lee "abraham." "in." | US-PGPUB; USPAT | ADJ | ON | 2007/07/10 08:53 |
| S53 | 46 | lee abraham.in. | US-PGPUB; USPAT | ADJ | ON | 2007/07/10 09:07 |
| S54 | 338 | microfluidic and (splitting or split) and (fusing or fuse) and (droplet or particle) | US-PGPUB; USPAT | ADJ | ON | 2007/07/10 09:08 |
| S55 | 168 | S54 and @py<="2004" and @ay<="2004" | US-PGPUB; USPAT | ADJ | ON | 2007/07/10 14:41 |
| S56 | 1 | ("6835394").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/10 14:11 |
| S57 | 1486 | (droplet or particle) and amphiphilic and monolayer and bilayer | US-PGPUB; USPAT | ADJ | ON | 2007/07/10 14:42 |
| S58 | 118 | S57 and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2007/07/10 14:43 |
| S59 | 93 | S58 and encapsul\$ | US-PGPUB; USPAT | ADJ | ON | 2007/07/10 15:36 |
| S60 | 404 | microfluidic and amphiphilic | US-PGPUB; USPAT | ADJ | ON | 2007/07/10 15:36 |

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|-----|-----|-------------------|--------------------|-----|----|------------------|
| S61 | 190 | S60 and monolayer | US-PGPUB; USPAT | ADJ | ON | 2007/07/10 15:37 |
| S62 | 126 | S61 and bilayer | US-PGPUB; USPAT | ADJ | ON | 2007/07/10 15:37 |
| S63 | 16 | stone howard.in. | US-PGPUB; USPAT | ADJ | ON | 2007/07/11 09:51 |